

Name of Faculty Dr. Sanjeeb Kumar Mandal
 Designation Assistant Professor
 Nature of Job/Appointment Contract (25th March 2023)
 Date of Joining 26-05-2021
 E-mail sanjeebkumar_biotech@cbit.ac.in



| Education Qualifications | Name of the Degree | Class |
|--------------------------|--------------------------------------|-------------|
| Ph. D | Doctor of Philosophy (BIOTECHNOLOGY) | Distinction |
| PG | M. Tech Biotechnology | First |
| UG | B. Tech Biotechnology | First |

Work Experience

Teaching 3.11 Years
 Research --
 Industry --
 Others --

Area of Specialization Environmental and Food Biotechnology, Microbiology

- Professional Memberships
1. Membership in Indian Initiative for Management of Antibiotic Resistance from Feb 2016 to till date.
 2. Student Membership (01 Jan 2018 to 31st Dec 2018) at International Biodeterioration and Biodegradation Society, United Kingdom having Membership No.:1062.
 3. Postgraduate Membership (01 Jan 2014 to 31 Dec 2016) at Biochemical Society, United Kingdom having Membership No.:01059119.
 4. Student Membership (Membership No: 5217) in Indian Society for Technical Education (ISTE) from 2008 to 2012, VIT University (Institute Code: TN090).

Responsibilities held at Institution Level Anti-Ragging Squad; FABA faculty coordinator

1. Innovation Ambassador
2. Results analysis coordinator -2
3. Placements coordinator-2
4. Newsletter coordinator
5. Mentor for students
6. NBA coordinator-2
7. Minor Engineering coordinator-2
8. Honors degree 2021 admitted batches coordinator-2
9. Department minutes coordinator-2
10. Maintenance of Seminars/ Conferences organized and attended by faculty along with certificates/proofs-1

Research Guidance 28 students (B.Tech. Biotechnology)

- Awards Received
1. Winner of JEB International Award for the Best Paper published in 2018 and also received the Cash Prize of USD 500. The International Selection Committee has selected as best paper out of 142 papers published by the Journal "Journal of Environmental Biology" in the year 2018.
 2. Received Research Award from Vellore Institute of Technology (VIT), Vellore, 2016, 2017, and 2018 for publishing papers for years 2015, 2016, and 2017 respectively.
 3. Awarded for Paper Published in Scopus cited peer-reviewed Journal by Committee Member of 6th SET Conference, VIT University, 2014.

Courses Handled at Under Graduate / Post Graduate Level. Bioreseparation Engineering Laboratory, Plant Biotechnology, Enzyme Technology, Pharmaceutical Biotechnology, Basic of Biology, Fermentation Technology Laboratory, Plant Biotechnology Laboratory, Downstream Processing Laboratory, Bioorganic Chemistry, Biochemistry, Analytical Methods and Instrumentation, Marine Biotechnology, Biosafety and Hazardous Management, Agricultural

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|---|---|
| | Waste Management, Analytical Methods and Instrumentation Laboratory, Biochemistry Laboratory, Microbiology Laboratory, Bioinformatics Laboratory, Microbial physiology and metabolism Laboratory, Fermentation Technology Laboratory |
| No. of Papers Published | National Journals – Nil International Journals – 29 |
| | National Conference – 02 International Conference – 04 |
| Projects Carried out | Received consultancy project of Rs. 2.0 lakh for waste water treatment from the company “N-Science Sustainable Solutions Pvt. Ltd., Kolkata, India”. |
| Patents | -- |
| Technology Transfer | -- |
| Invited Speaker | 01 |
| | <ol style="list-style-type: none"> 1. Balraj Sudha, Kanagaraj Suganya, Bishwambhar Mishra, Govindugari Vijaya Laxmi, Sanjeeb Kumar Mandal, Sanjay Kumar and Sundaravadivelu Sumathi (2022) “A Recent Update on Sponge Bioprospecting and its Antimicrobial Properties: Their Biological Mode of Action” Recent advances in the application of marine natural products as antimicrobial agents (Accepted). [Bentham Science Publishers Pte. Ltd.] 2. B Sumithra, Sanjeeb Kumar Mandal, B Bishwambhar Mishra, Mounika KVSSN, Caleb Joel Raj J, Aishwarya CVS (2022) “Plant-derived drugs for Alzheimer’s and other neurological disorders”, Phytomedicine: Insights into Tropical Medicinal Plant (Accepted). [Springer] 3. Alisha Chunduri, Niveditha Donthula, M. Jahanavi, Sowmya Golla, Pooja Aich, Sahithya K., Bishwambhar Mishra, Sanjeeb Kumar Mandal, Anuranjeeta (2022) “Role of Microbes in the Pharmaceutical Industry”, Role of Microbes in Industrial Products and Processes (Accepted). [Scrivener Publishing, Wiley] 4. Caleb Joel Raj J., Aishwarya CVS, Mounika KVSSN, Bishwambhar Mishra, Sumithra B., Bhushan Vishal and Sanjeeb Kumar Mandal (2022) “Deciphering the Nexus Between Oxidative Stress and Spermatogenesis: A Compendious Overview”, Oxidative Stress and Toxicity in Reproductive Biology and Medicine: A Comprehensive Update on Male Infertility- Volume Two (Accepted). [Springer] [Impact Factor: 3.650] 5. Kanagaraj Suganya, Balraj Sudha, Bishwambhar Mishra, Bapatla Sumithra, Sanjeeb Kumar Mandal and Sundaravadivelu Sumathi (2022) “Marine microbes as a resource for novel enzymes”, Role of Microbes in Industrial Products and Processes (Accepted). [Scrivener Publishing, Wiley] 6. Pooja Aich, Kanagaraj Suganya, Balraj Sudha, Bishwambhar Mishra, Bapatla Sumithra, Sanjeeb Kumar Mandal and Sundaravadivelu Sumathi (2022) “Recovery of valuable products from vegetable wastes”, Role of Microbes in Industrial Products and Processes (Accepted). [Scrivener Publishing, Wiley] 7. C Nagendranatha Reddy, Bishwambhar Mishra, Sanjeeb Kumar Mandal, Dinesh Chand Agrawal and Chandana Kruthiventi (2021) “An Insight into Pullulan and its Potential Applications”, Polysaccharides of Microbial Origin. Biomedical Applications, Chapter 1, Page No. 1-32. [Springer] 8. Nilanjana Das, Mangala Lakshmi Ragavan and Sanjeeb Kumar Mandal (2021) “Probiotics in the prevention and treatment of infections with <i>Helicobacter pylori</i>, Enterohemorrhagic <i>E. coli</i> & Rotavirus” Probiotics in the Prevention and Management of Human Diseases, Chapter 20, Page No. 281-304.[Elsevier] 9. Nilanjana Das, Sanjeeb Kumar Mandal, Devlina Das, Jagannathan Madhavan and Adikesavan Selvi (2021) “Recent Updates on the Role of Biosurfactants for Remediation of Various Pollutants”, Rhizomicrobiome Dynamics in Bioremediation, Chapter 9, Page No. 180-197, CRC Press, Florida, USA. [Taylor and Francis Group] 10. Venkatramanan Varadharajan, Sri Thatchayani Ganapathi, Sanjeeb Kumar Mandal, Arulvel Ramaswamy, Subbaiya Ramasamy, and M. Ponraj (2020) “Biodegradation of Polycyclic Aromatic Hydrocarbons and Synthetic Dyes” Degeneration to Regeneration - Alternative Approaches, Chapter 9, Page No. 140-160. [Royal Book Publishing] 11. Nilanjana Das, Sanjeeb Kumar Mandal and A. Selvi (2018) “Petroleum Hydrocarbons Environmental Contamination, Toxicity, and Bioremediation Approaches” Recent Advances in |
| No. of Books/Chapter Published with details | |

CONFERENCES/EVENTS/GUESTLECTURE PARTICIPATED:

1. Participated in the International Conference on “Current Trends and Emerging Challenges in Biological Sciences (CTECBS)- 2018” organised by the Department of Life Sciences, DKM College for Women (Autonomous), Vellore, Tamil nadu, India held during 15-16th February 2018.
2. Certificate of participation in the “3rd edition of VIT Bio Summit 2014”, organised by School of Bio Sciences and Technology, VIT University, Vellore held on 7th and 8th August 2014.
3. Certificate of participation in the “2nd edition of VIT Bio Summit 2013”, organised by School of Bio Sciences and Technology, VIT University, Vellore held on 2nd and 3rd May 2013.
4. Attended Guest Lecture on Next-Generation Sequencing by Dr. G Ramesh Kumar at VIT University, Vellore on 19th October 2013.
5. Certificate of participation in the event “Bio Trail Blazer of Gravitas’11, an International Knowledge Carnival”, organised by VIT University, Vellore held on 16th and 18th September 2011.
6. Participated in the “Entrepreneurship Awareness Camp” organized by the Vellore Institute of Technology (VIT)-Technology Business Incubator (TBI), Vellore with the support of DST, Govt. of India, New Delhi from 4th -6th March, 2011.
7. Certificate of participation in the event “Science Mystery of Gravitas’10, an International Knowledge Carnival”, organised by VIT University, Vellore held on 17th and 19th September 2010.
8. Certificate of participation in the event “BIO-SAGE of Gravitas’10, an International Knowledge Carnival”, organised by VIT University, Vellore held on 17th and 19th September 2010.
9. Participated in the “Entrepreneurship Awareness Camp” organized by the Vellore Institute of Technology (VIT)-Technology Business Incubator (TBI), Vellore with the support of DST, Govt. of India, New Delhi from 3rd -5th September, 2010.
10. Participated in Silver Jubilee International Conference on Biotechnological Solution for Environmental Sustainability, October 21-23, 2009 held at VIT University, Vellore, Tamil nadu, India.

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (**Attended and/or Organized**).

FDP Attended:

1. Participated and completed successfully five days of online FDP on "Advanced Integrated Tools for Research in Marine Biology and Biotechnology" organized by Centre for Ocean Research, Col. Dr. Jeppiar Research Park, Sathyabama Institute of Science and Technology (Deemed to be University) in association with Earth Science and Technology Cell Ministry of Earth Sciences from 25th April to 29th April 2022.
2. Participated & completed successfully 5-days Online FDP on the theme “Inculcating Universal Human Values in Technical Education” from 12th to 16th July 2021, organized by All India Council for Technical Education (AICTE), New Delhi, India.
3. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on “Redemption from Plastic Pollution: Indian Railways” from 5th to 9th July 2021 at National Rail and Transportation Institute (NRTI), Vadodara, Gujarat, India.
4. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on “Basic Course in Animation Film Making (Advanced Level)” from 21st to 25th June 2021 at Film & Television Institute of India, Pune.
5. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on “Basic Course in Animation Film Making (Basic Level)” from 17th May to 21st May 2021 at Film & Television Institute of India, Pune.
6. Titled “Six Weeks (Virtual) Based Entrepreneurship Development Programme on Bio Techniques for Enabling Bioentrepreneurship”

organized by Nehru Group of Institutions (NGI), Coimbatore and Sponsored by NSTEDB, Department of Science and Technology, Govt. of India, New Delhi during 8th to 22nd Feb, 2021.

7. Five days Faculty Development Program on “Good Laboratory Practices”, organised by the Department of Life Sciences, School of Basic Sciences and Research, Sharda University from 8th February to 12th February 2021.
8. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on “Computer Science & Biology” from 19th January to 23rd January 2021 at Malnad College of Engineering.
9. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on “Waste Technology” from 21st December to 25th December 2020 at C V Raman Global University.
10. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on “Aqua-food technology (Emerging Food Processing Technologies: Prospects and Challenges for Food and Nutrition Security)” from 4th January to 8th January 2021 at Tezpur University.
11. Participated and completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on “Synthetic Biology” from 14th December to 18th December 2020 at Bharathiar University.
12. One week Webinar cum Faculty Development Program Series on “Current Progress and Future Prospects of Biotechnology”, organised by the Department of Biotechnology, Chaitanya Bharathi Institute of Technology (CBIT) in association with Andhra Pradesh Akademi of Sciences from 8th June to 13th June 2020.
13. Titled “Two Weeks Faculty Development Programme in Entrepreneurship” organized by Nehru Group of Institutions – Technology Business Incubator (NGI-TBI) along with Research and Development Cell, Nehru Group of Institutions, Coimbatore and Catalysed & Supported by NSTEDB, Department of Science and Technology, Govt. of India, New Delhi during 8th to 21st May, 2019.
14. Titled “A half a day workshop on nanostructured materials for energy and environmental applications” facilitated by Dr. J. Madhavan, Assistant Professor, Thiruvallurar University, Vellore on 24th April 2018 (Tuesday), conducted by Academic Staff College of VIT University, Vellore, India
15. Titled “A half a day workshop on innovative projects towards production of significant metabolites” on 3rd April 2017 (Monday), conducted by Academic Staff College of VIT University, Vellore, India
16. Titled “Inter Disciplinary Research for preparing International Funded Project Proposals” facilitated by Dr. K. Krishna Mohan, International University of Sarajevo, Bosnia, South America on 10th September 2016 (Saturday), conducted by Academic Staff College of VIT University, Vellore, India
17. Titled “Writing Funded Project Proposals and Publishing Quality Research Papers” facilitated by Dr. Audinarayana N, Consultant Trainer, Andhra Pradesh on 20th August 2016 (Saturday), conducted by Academic Staff College of VIT University, Vellore, India
18. Titled “Big Data in Biology (NGS)” facilitated by Dr. G. Ramesh Kumar, Anna University, Chennai on 16th July 2016 (Saturday), conducted by Academic Staff College of VIT University, Vellore, India
19. Titled “Project Based Learning” facilitated by Dr. Yogesh Velankar, Consultant Trainer on 2nd April 2016 (Saturday), conducted by Academic Staff College of VIT University, Vellore, India
20. Titled “Digital Media in Academics” facilitated by Mr. Vikramraj Sundararaj Samuel, Students Outreach Manager, VIT on 23rd June 2015 (Tuesday), conducted by Academic Staff College of VIT University, Vellore, India

21. Titled “Effective Session Plan” facilitated by Dr. G. Edison, ASC, VIT on 19th June 2015 (Friday), conducted by Academic Staff College of VIT University, Vellore, India.
22. Titled “Analytical Techniques for Micro- Molecules Isolation and Structure Prediction” facilitated by Dr. V. Vijayakumar & Dr. Dominic Ravichandran Y, SAS, VIT on 23rd and 24th December 2014 (Tuesday- Wednesday), conducted by Academic Staff College of VIT University, Vellore, India.

Details of Journal Publications/
Conferences (National and
International)

National Journals: NIL

International Publications:

1. Nilanjana Das, Mangala Lakshmi Ragavan and Sanjeeb Kumar Mandal (2022) “Recent Advances on Efficacy of Probiotic Yeasts in Human Welfare: An Overview”, *Journal of Microbiology, Biotechnology and Food Sciences*, Volume 12: Issue 3, Page No. e9277. <https://doi.org/10.55251/jmbfs.9277> [SCI & Scopus Index]
2. Nilanjana Das, Ashwini Prabhakar Shende, Sanjeeb Kumar Mandal and Nupur Ojha (2022) “Biologia futura: treatment of wastewater and water using tannin-based coagulants”, *Biologia Futura* (Accepted). <https://doi.org/10.1007/s42977-022-00128-1> [Impact Factor: 1.069]
3. Bishwambhar Mishra, Yugal Kishore Mohanta, Sunita Varjani, Sanjeeb Kumar Mandal, NSV Lakshmayya, Preeti Chaturvedi, Mukesh Kumar Awasthi, Zengqiang Zhang, Raveendran Sindhu, Parameswaran Binod, Reeta Rani Singhania, Vinod Kumar (2022) “A critical review on valorization of food processing wastes and by-products for pullulan production”, *Journal of Food Science and Technology*, <https://doi.org/10.1007/s13197-022-05490-5> [Impact Factor: 3.117]
4. Venkatramanan Varadharajan, Sri Thatchayani Ganapathi, and Sanjeeb Kumar Mandal (2022) “Prediction of protein-protein interaction networks and druggable genes associated with parkinson’s disease”, *Indian Journal of Biochemistry and Biophysics*, Volume 59: Issue 1, Page No. 39-49. [Impact Factor: 1.476]
5. Nilanjana Das, Ashwini Prabhakar Shende, Keerthana G and Sanjeeb Kumar Mandal (2022) “Applications of microbial bioflocculants for environmental remediation: An overview” *Research Journal of Pharmacy and Technology*, Volume 15: Issue 04, Page No. 1883-1890. [Scopus Index]
6. Bishwambhar Mishra, Awdhesh Kumar Mishra, Sanjay Kumar, Sanjeeb Kumar Mandal, Lakshmayya NSV, Vijay Kumar, Kwang-Hyun Baek and Yugal Kishore Mohanta (2021) “Antifungal metabolites as food bio-preservative: innovation, outlook, and challenges”, *Metabolites*, Volume 12: Issue 12, Page No. 1-18. [Impact Factor: 4.932]
7. Nilanjana Das, Nupur Ojha, and Sanjeeb Kumar Mandal (2021) “Wastewater treatment using plant-derived bioflocculants: Green chemistry approach for safe environment”, *Water Science and Technology*, Volume 83: Issue 8, Page No. 1797-1812. [Impact Factor: 2.430]
8. Bishwambhar Mishra, Sunita Varjani, Dinesh Chand Agrawal, Sanjeeb Kumar Mandal, Huu Hao Ngo, Mohammad J. Taherzadeh, Jo-Shu Chang and Siming You (2020) “Engineering biocatalytic material for the remediation of pollutants: A comprehensive review”, *Environmental Technology and Innovation*, Volume 20, Page No. 101063. [Impact Factor: 7.758]
9. Sanjeeb Kumar Mandal, Devlina Das, and Nilanjana Das (2020) “Microbial and plant assisted remediation of benzo[a]pyrene from soil and aqueous environment: A research update”, *Research Journal of Chemistry and Environment*, Volume 24: Issue 2, Page No. 148-159. [Scopus Index]
10. Nupur Ojha, Sanjeeb Kumar Mandal, Pooja Aich, Anuja Guru and Nilanjana Das (2019) “Process optimization on degradation of phenanthrene by *Candida tropicalis* NN4 using response surface methodology: Green chemistry approach”, *Research Journal of Biotechnology*, Volume 14: Issue 10, Page No. 10-22. [Scopus Index]
11. Nupur Ojha, Sanjeeb Kumar Mandal and Nilanjana Das (2019) “Enhanced degradation of indeno(1,2,3-cd) pyrene using *Candida tropicalis* NN4 in presence of iron nanoparticles and produced biosurfactant: a statistical approach”, *3 Biotech*, Volume 9: Issue 3, Page No. 86. <https://doi.org/10.1007/s13205-019-1623-x> [Impact Factor: 2.893]
12. Sanjeeb Kumar Mandal, Nupur Ojha and Nilanjana Das (2019) “Role of yeast consortium for the remediation of perylene from aqueous environment: Process optimization”, *Journal of Microbiology, Biotechnology and Food Sciences*, Volume 9: Issue 1, Page No. 132-139. [Scopus Index]
13. Sanjeeb Kumar Mandal, Nupur Ojha and Nilanjana Das (2018) “Process optimization of benzo[ghi]perylene biodegradation by yeast consortium in presence of ZnO nanoparticles and produced biosurfactant using Box-Behnken design”, *Frontiers in Biology*, Volume 13: Issue 6, Page No. 418–424. [Scopus Index]
14. Sanjeeb Kumar Mandal, Nupur Ojha and Nilanjana Das (2018) “Optimization of process parameters for the yeast mediated degradation of benzo[a]pyrene in presence of ZnO nanoparticles and produced biosurfactant using 3-level Box-Behnken design”, *Ecological Engineering*, Volume 120, Page No. 497–503. [Impact Factor: 4.379]
15. Sarita Ramsaran Yadav, Mangala Lakshmi Ragavan, Sanjeeb Kumar Mandal and Nilanjana Das (2018) “Degradation of azo dye and electricity generation using yeast mediated microbial fuel cell”, *Fungal Territory*, Volume 1: Issue 1, Page No. 1–4. [Non-Scopus Index]
16. Sanjeeb Kumar Mandal and Nilanjana Das (2018) “Enhanced biodegradation of high molecular weight PAHs using yeast consortia immobilized on modified biowaste material” *Journal of Microbiology, Biotechnology and Food Sciences*, Volume 7: Issue 6, Page No. 594–601. [Scopus and JCR Index]

17. Sanjeeb Kumar Mandal and Nilanjana Das (2018) "Phyto-mycoremediation of benzo[a]pyrene in soil by combining the role of yeast consortium and sunflower plant", *Journal of Environmental Biology*, Volume 39: Issue 2, Page No. 261–268. [Scopus and JCR Index]
18. Sanjeeb Kumar Mandal and Nilanjana Das (2018) "Application of microbial fuel cells for bioremediation of environmental pollutants: an overview" *Journal of Microbiology, Biotechnology and Food Sciences*, Volume 7: Issue 4, Page No. 437– 444. [Scopus and JCR Index]
19. Sanjeeb Kumar Mandal and Nilanjana Das (2018) "Biodegradation of perylene and benzo[ghi]perylene (5-6 rings) using yeast consortium: kinetic study, enzyme analysis and degradation pathway", *Journal of Environmental Biology*, Volume 39: Issue 1, Page No. 5–15. [Scopus and JCR Index]
20. Sanjeeb Kumar Mandal and Nilanjana Das (2017) "Biodegradation of benzo[a]pyrene by *Rhodotorula* sp. NS01 strain isolated from contaminated soil sample", *Research Journal of Pharmacy and Technology*, Volume 10: Issue 6, Page No. 1751–1757. [Scopus Index]
21. Abhirup Dey, Mangala Lakshmi Ragavan, Sanjeeb Kumar Mandal and Nilanjana Das (2017) "Isolation, identification and in vitro characterization of probiotic yeast strains" *Research Journal of Pharmacy and Technology*, Volume 10: Issue 3, Page No. 726–732. [Scopus Index]
22. Sanjeeb Kumar Mandal, A. Selvi and Nilanjana Das (2016) "A novel approach on degradation of Benzo[a]pyrene by yeast consortium isolated from contaminated soil", *Der Pharmacia Lettre*, Volume 8: Issue 7, Page No: 80–93. [Scopus Index]
23. Sanjeeb Kumar Mandal and Nilanjana Das (2015) "Microbial remediation of high molecular weight PAHs from environment: an overview" *International Journal of ChemTech Research*, Volume 8: Issue 8, Page No: 36–43. [Scopus Index]
24. Vanaja Nuthalapati, Ramalingam Chidambaram, Nandita Das Gupta, Shivendu Ranjan, Lina Rose Varghese and Sanjeeb Kumar Mandal (2014) "Optimization of growth medium using a statistical approach for the production of plant gallic acid from a newly isolation *Aspergillus tubingensis* NJA-1", *Journal of Pure and Applied Microbiology*, Volume 08: Issue 04, Page No: 3313–3324. [Scopus and JCR Index]
25. Ashish Jain, Sanjeeb Kumar Mandal, Vanaja Nuthalapati, Abhinav Ramesh, Naisarg Modi, Sugghosh Rao, and KM Jyoti Singh (2013) "Biosynthesis of nanoparticles by *Ficus benjamina* (Fig Tree) and comparing Ag NP's synthesized by cocktails of plant extracts", *International Research Journal of Biological Sciences*, Volume 3: Issue 5, Page No: 34–39. [Non-Scopus Index]
26. Sanjeeb Kumar Mandal and Suneetha V. (2013) "Preliminary Studies on probiotic potential of selected *Lactobacillus* VIT SSV strains screened from curd samples of Vellore, Bihar, Haryana and Varanasi", *International Journal of Pharma and Bio Science*, Volume 4: Issue 2, Page No:193–200. [Scopus Index]
27. Sanjeeb Kumar Mandal, M. Vignesh Kumar and Suneetha V. (2013) "Nutraceutical evaluation and comparison of plant derived products from Vellore like *Moringa olifera*, Banana inflorescence, Spinach leaves and *Colocasia* fruit for pharmacological applications", *International Journal of Pharmaceutical Sciences Review and Research*, Volume 19: Issue 2, Page No:114–118. [Scopus Index]
28. Sanjeeb Kumar Mandal, M. Vignesh Kumar, Moumita Banerjee, Bishwambhar Mishra and Suneetha V. (2013) "Evaluating the nutritive properties of mixed plant derived products with and without soyamilk for pharmacological usage", *Asian Journal of Pharmaceutical and Clinical Research*, Volume 6: Issue 4, Page No:74–77. [Scopus Index]
29. Sanjeeb Kumar Mandal et al., (2012) "Effect of cooking on amylase content of rice" *European Journal of Experimental Biology*, Volume 3: Issue 2, Page No:385–388. [Non-Scopus Index]

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